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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	M.A.B. Halstead	Attorney Docket No:	MSFT117205
Application No:	09/090,119	Group Art Unit:	2151
Filed:	June 4, 1998	Examiner:	G. Fourson
Title:	PERSISTENT REPRESENTATIONS FOR COMPLEX DATA STRUCTURES AS INTERPRETED PROGRAMS		

AMENDMENT A AND RESPONSE

Seattle, Washington 98101

June 25, 2001

TO THE COMMISSIONER FOR PATENTS:

Applicant respectfully requests that the following amendments be made to the above-identified application:

In the Claims:

Please amend Claims 1, 8, 10, and 19, and add new Claims 22-27, as follows:

1. (Amended) A computer-implemented method for recreating a complex data object having a structure, the method comprising:

obtaining a persistent representation of the structure of the complex data object as a sequence of directly executable instructions, wherein the directly executable instructions are calls to a set of predefined functions;

interpreting the directly executable instructions as calls to a set of predefined functions; and

calling a predefined function corresponding to each directly executable instruction in the sequence of directly executable instructions so as to construct the complex data object directly from the persistent representation.

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